CLAIMS:

1. A method in a unit (22) of a telecommunication system providing MBMS-services to a plurality of subscribing user equipments (21),

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determining (41) a delay time period for each subscribing user equipment after the lapse of which said user equipment starts transmission of feedback information on the random access channel for acknowledgement of successfully received MBMS-data portions;

forwarding (43) said respective delay time periods to the user equipments;

transmitting (44) one or more MBMS-data portions on a downlink channel to the group of subscribing user equipments (21).

2. The method according to claim 1, further comprising the step of selecting (42) a specific sub-channel of the random access channel and a preamble signature on said sub-channel for the subscribing user equipments;

forwarding said respective sub-channel and signature to the subscribing user equipments.

3. A method in a user equipment (21) of a telecommunication system subscribing to a MBMS-service,

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determining (31) a delay time period;

transmitting (35) after the lapse of said delay time period feedback information on the random access channel for acknowledgement of successfully received MBMS-data portions.

4. The method according to claim 3, further comprising the step of selecting (34) a specific sub-channel of the random access channel and a preamble signature on said sub-channel for transmission of said feedback information.

5. The method according to claim 1 or 3, whereby said delay time period starts counting at a user equipment from the successful reception of said one or more MBMS-data portions.

6. The method according to claim 1 or 3, whereby said delay time period is calculated from a unique identifier of the user equipment.

7. The method according to claim 1 or 3, whereby said delay time period constitutes a randomly determined value within a given time period.